Title: Perfect score: Sequence:

US-09-090-867-2 2104 1 MAFYCLAIGCLYTFLISTTF.....LLLRKPNTYPKMIPEFFCDT

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

174772 seqs, 17957048 residues

Searched:

Total number of hits satisfying chosen parameters:

OM protein -

protein search, using sw model

GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd

April 18, 2001, 04:27:57;

Search time 44.79 Seconds (without alignments) 152.348 Million cell updates/sec

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Result
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB
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1: /cgnl_7/ptodata/1

2: /cgnl_7/ptodata/1

3: /cgnl_7/ptodata/1

4: /cgnl_7/ptodata/1

5: /cgnl_7/ptodata/1
Match Length DB
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/cgnl_7/ptodata/l/iaa/5B_COMB.pep:*
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US-07-509-79-2
US-07-757-390-13
US-08-442-281-13
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US-08-939-727-14
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US-08-939-727-16
US-08-939-727-16
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US-08-939-727-990-6
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1 MAFYCLAIGCLYTFLISTTFGCTSSSDTEIKVNPPQDFEIVDPGYI.::\LYLQWQPPLSLD

Similarity

conservative 0;

Score 2104; DB 1; Pred. No. 3.6e-208;

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380; 0;

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Mismatches

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TYPE: amino acid
; TOPOLLOGY: linear
; MOLECULE TYPE: protein
US-08-609-572-4
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                                                                        COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: BIOWN, SCOTT A.
REGISTRATION NUMBER: 32,724
REGISTRATION NUMBER: G15268
TELEPHONE: (617) 498-8224
TELEPAX: (617) 498-8224
TELEFAX: (617) 498-8224
INFORMATION FOR SEQ ID NO: 4:
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. (5710023
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 380 amino acids
                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wood, Clive
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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CITY: Cambridge
STATE: MA
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Fitz, Lori
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US-08-949-73-7
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US-08-421-823-3
US-08-652-205-4
US-08-595-974-4
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US-08-652-205-9
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US-08-595-974-11
US-08-595-974-11
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GENERAL II
                                                                                            TELEFAX: (6
                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release: #1.0/
CURRENT APPLICATION DATA:
                                                                            SEQUENCE CHARACTERISTI
                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN NUMBER OF SEQUENCES: 9
                                                                                                                                          ELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 02140
                              TOPOLOGY:
                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        87 CambridgePark Drive
                                                            383 amino acids
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Fitz, Lori
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                                                                    TELEFAX: 212 8698864/
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                         COMPUTER: JBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTLN Release #1.0.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                               ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE; Floppy disk
                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Takagi, APPLICANT: Murata, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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               TYPE: AMINO ACID
                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING, DATE: 19910
                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      55 KFKGCTLEYELKYRNVDSDSWKTIITRNLIYKDGFDLNKGIEGKIRTHI.SEHCTNGSEVQ 114
 STRANDEDNESS
                                                                                                                          REFERENCE/DOCKET NUMBER: 70
LECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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                                                                                           PELEPHONE: 212 /30 /3741
                                                                                                                                                                                 NAME: Misrock, S. L
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 MAFYCLAIGCLYTELISTTFGCTSSSDTEIKVNPPQDFEIVDPGYLGYLYLQWQPPLSLD 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCWEGEDLSKKTLLRFWLPFGFILILVIFVTG 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SPWIEASYGISDEGSLETKIQDMKCIYYNWQYLVCSWKPGKTVYSDTNYTMFFWYEGLDH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PEFLHISVENSIDIRMKWSTPGGPIPPRCYTYEIVIREDDISWESATDKNDMKLKRRANE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            New York
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Tominaga, Akira
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Patent No:
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ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET,NUMBER: G152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEO ID NO. 3:)
SEQUENCE CHARACTERISTICS:
LENGTH: 1369 base pairs
TYPE: nucleic decid
         HYPOTHETICAL:
FEATURE:
NAME/KEY: CI
                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609.57
                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                            TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION; CYTOKINE RECEPTOR CHAIN NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                      STREET: MA
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ZIP: 02140
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FILING DATE:
FILING DATE:
CLASSIFICATION:
STORMEY AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: GI52
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617),876-5851
TELEFAX: (617),876-5851
              Query Match
Best Local Similarity
Matches 895; Conserv
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SEQUENCE CHARACTER
LENGTH: 1526 bat
TYPE: nucleic ad
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APPLICANT: Collin
APPLICANT: Donald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Flóppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1/0, Version
CURRENT APPLICATION DATA:
APPLICATION UNDER: US/08/609,572
FILING DATE:
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CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
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FEATURE:
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              Indels
                                         Length
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S 밁 Ş 밁 Ş 밁 Ş

415

361 355 301 295 241 235

밁

595 541 535

B S

> 481 475 421

В

1525; 24;

Gaps

1021 1015 밁 ş 밁 Ş 밁 Ş 밁 S В S 밁 Ş

955 901 895 841 835 781 775 721 715 661 655 601